

SHOW™ Pico Projector Prototype

The SHOW Prototype is a complete hand-held, battery powered, full color laser pico projector. This prototype's simple "Plug-n-Play" capability enables a large screen viewing experience from mobile devices such as cell phones, personal media players, laptops, digital cameras and other mobile devices.



Display Technology	Microvision PicoP™ Display Engine Single Bi-axial MEMS Scanning Mirror Technology	
Performance	Resolution	WVGA (848 x 480)
	Brightness	10 Lumens
	Aspect Ratio	16:9 Native
	Light Sources	Red, green, and blue lasers
	Refresh Rate	60 Hz
	Color Range	16-bit, greater than 150% of NTSC
	Projection Lens	None: image always in focus, no manual adjustment
	Image Size	200mm – 2000mm (Ideal) Image size (diagonal) = image-to-projector distance
User Interface	Power on/off, menu, and navigation buttons with on-screen display	
Dimensions	Volume	≈ 120 cc, including battery
	Weight	≈ 220 grams, including battery
Video Inputs	RGB (VGA) Composite (NTSC/PAL) S-Video	Connects to cell phones, personal media players, laptops, digital cameras and more
Power	Internal Lithium Polymer Battery	1.5 hour battery life on a single charge
	Power and charge using external Mini USB	
Operating Temperature	10 – 30 degrees C, Ambient	
Regulatory Compliance	Class 2 laser product per IEC 60825-1:2007 and CDRH 1040.10	
Availability	1st Half 2008 to qualified global OEM's and leading mobile operators	